



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
		Application Number	10/084,136		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	February 27, 2002		
		First Named Inventor	John C. Vellinger		
		Art Unit			
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	10561.117936

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
JLL	A	us-	6,435,706	08-20-2002	Bertolotti, et al	RECEIVED SEP 16 2002 TC 1700
	B	us-	5,901,779	05-11-1999	Eidinger, et al	
	C	us-	5,547,280	08-20-1996	Wanninger, et al	
	D	us-	5,533,804	07-09-1996	Larsson, et al	
	E	us-	D360,037	07-04-1995	Markle, et al	
	F	us-	D358,659	05-23-1995	Rohrabacher	
	G	us-	4,911,555	03-27-1990	Saffer, et al	
	H	us-	4,759,635	07-26-1988	MacMichael, et al	
		us-				
		us-				
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					
	us-					

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	-Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	<i>Paul Smith</i>	Date Considered	9/30/03
-----------------------	-------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/084,136		
		Filing Date	February 27, 2002		
		First Named Inventor	John C. Vellingger		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	10561.117936

RECEIVED

SEP 16 2002

TC 1700

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DL	I	Multiple and Test Tube Stirring Drives, Remote-Controlled Magnetic Stirring System, Variomag.com, 8/29/02, 2 pages USA	
DL	J	Single Stirring Drives for Small to Medium Stirring Volumes, Remote-Controlled Magnetic Stirring Systems, Variomag.com, 8/29/02, 2 pages, USA	
DL	K	The Variomag Concept, Variomag.com, 8/29/02, 2 pages, USA	
DL	L	Technology Insights, April 2002, Page 10, Laboratoryequipment.com	
DL	M	ALTERMAN, LON, A Commodity Evolves- Stirring Hot Plate Designs Abound, R&D Magazine, October 2001, Page 43, USA	
DL	N	TODD, PAUL, et al, Magnetic Space Shuttle Experiments, Journal of Magnetism and Magnetic Materials, 1999, Pages 96-101, Volume 194, Elsevier Science B.V., The Netherlands	
DL	O	RAGHAVARAO, K.S.M.S., et al, Recent Developments in Aqueous Two-Phase Extraction in Bioprocessing, Separation and Purification Methods, 1999, Pages 1-49, Volume 27(1), Marcel Dekker, Inc., USA	
DL	P	VELLINGER, JOHN, Biotechnology Experiments in the "ADSEP" Payload on Space Shuttle Flight STS-95 (1998), Pages 1-10, Canada Space Agency, Canada	
DL	Q	GUINN, MARTIN ROBERT, Isolation and Purification of Proteins by Single-Stage Metal Affinity Partitioning in Aqueous Two-Phase Systems and by Multi-Stage Counter-Current Distribution, 1996, Pages 137-159, Chapter 7, University of Colorado-Graduate School, USA	

Examiner Signature	<i>Paul L...</i>	Date Considered	9/30/02
--------------------	------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+